

STEREO MOC Status Report
Time Period: 2013:112 - 2013:118

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:

- On day 112, during the DSS-54 support, turbo decoder lock was lost intermittently beginning at 0554z through 0735z. This anomaly resulted in the loss of four frames of SSR data. See DR #108777 for more information.
- On day 114, during the DSS-54 support, turbo decoder lock was lost briefly at 0719z. This anomaly resulted in the loss of four frames of SSR data. See DR #108787 for more information.
- On day 116, during the DSS-14 support, turbo decoder lock was lost briefly at 1840z. This anomaly resulted in the loss of one frame of SSR data. See DR #108793 for more information.
- On day 117, during the DSS-55 support, turbo decoder lock was lost briefly at 0645z and again at 1426z. This anomaly resulted in the loss of three frames of SSR data. See DR #108794 for more information.
- On day 118, during the DSS-45 support, turbo decoder lock was lost briefly at 2005z and again at 2100z. This anomaly resulted in the loss of two frames of SSR data. See DR #108795 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 115, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 1525z for 0.8 hours.

The primary cause was the shortage of track time on day 114 (Wednesday).
- On day 115, the 56th momentum dump was executed successfully at 1930Z, which imparted a delta V of 0.088 m/sec.

- The average daily SSR playback volume for Ahead was 4.5 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies/events occurred during this reporting period:

- On day 114, during the DSS-63 support, turbo decoder lock was lost briefly at 1734z and again at 1735z. This anomaly resulted in the loss of two frames of SSR data. See DR #N108788 for more information.
- On day 117, during the DSS-15 support, turbo decoder lock was lost briefly at 1621z and again at 118-0007z. This anomaly resulted in the loss of 127 frames of SSR data. See DR #108796 for more information.

2. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Behind was 4.0 Gbits during this week.